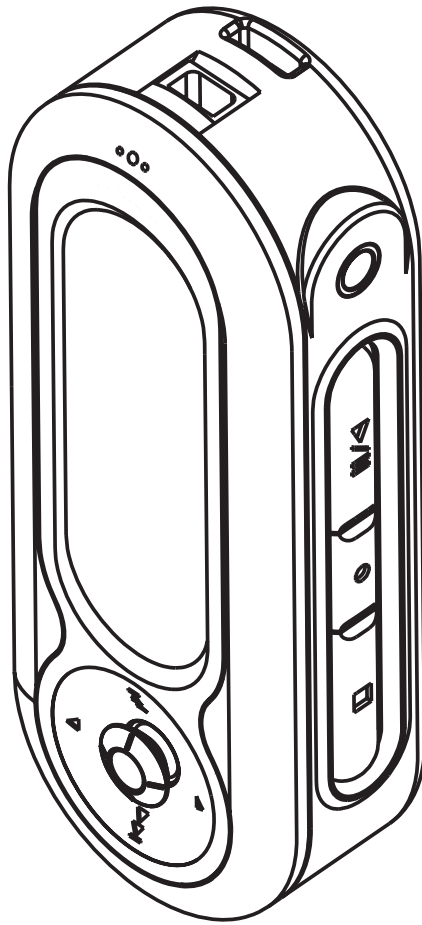


DIVA GEM



User's Manual



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Dear customer,

The manufacturer reserves the right to change the information in this manual without notice. For further information on the latest software version of the product see our web site: <http://www.daisymm.com>



Safety

To ensure that this player provides you with long-term satisfaction and enjoyment, please observe the following instructions !

This device is designed to record and playback audio signals.

If the player is subjected to sudden changes in temperature, for example when taken from the cold into a warm room, condensation may appear.

Switch off the device for one hour before using it. You must make sure that the device is protected from moisture such as rain or water splash. Never open the player casing. The manufacturer will not accept any liability for damage resulting from improper handling.

BATTERY OPERATION

Do not expose the battery to direct flame or heat.

Do not allow the battery to come in contact with water.

Do not store battery pack together with keys, coins or other metal objects.

When not using the battery, store it in a dry location.

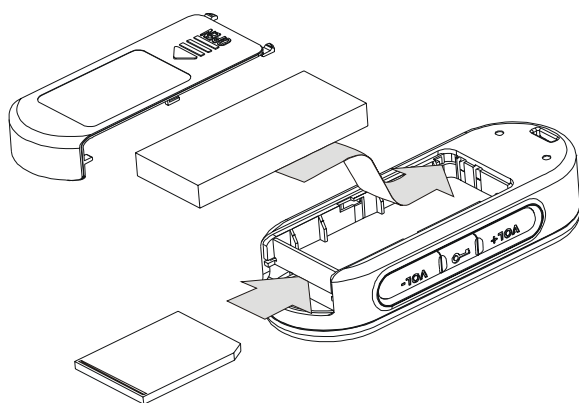
Charge battery

Connect the AC adapter to the player and plug it into a household outlet to begin recharging. Full recharging requires approximately 2 hours.



Note:

You can charge the player using the USB cable. Connect the player to the USB port of your PC. When the device is connected to the USB you can charge and operate with it at the same time. You can use the Battery charger included in package. When battery is full, Diva Gem will display "**Battery Full**".



Inserting the battery and media card

1. Make sure the power is off.
2. Open the Battery Compartment Cover.
3. Insert the supplied battery and push the multimedia card.
4. Close the cover.



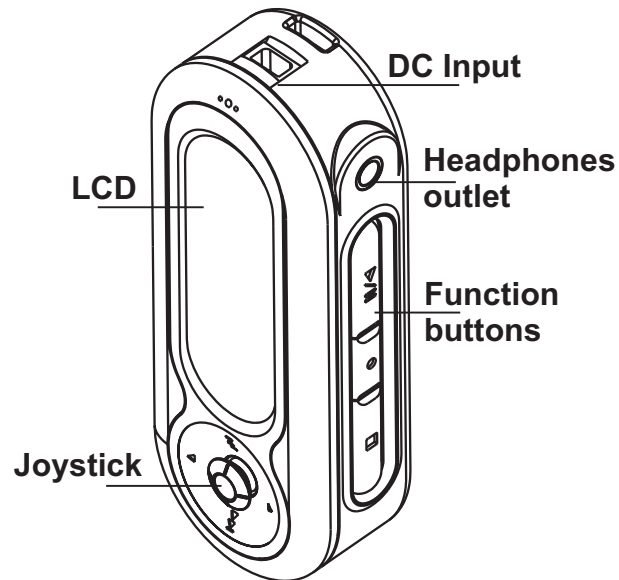
Note: The player will not operate if the battery is inserted incorrectly.

Switching on/off

1. Press and hold the  button to switch on the player.
2. Press and hold the  button to switch off the player.

GETTING STARTED

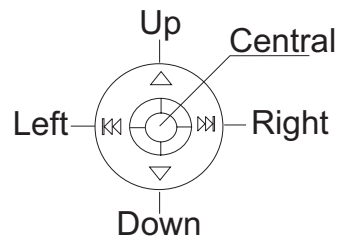
The operating elements



The operating buttons

- | | |
|---|--|
| | - start / pause playback; switch on the device |
| | - lock buttons |
| | - stop playback; switch off the device |
| | - start / stop recording |
| / | - volume control |

Joystick



The basic operating modes

There are 4 operating modes:

- Mp3 mode.
- Radio mode.
- Settings mode.
- Voice Recording mode.



MP3 MODE

Press and hold the joystick to enter the main menu. Push the joystick left until “**Audio Player**” is highlighted to enter Mp3 mode.

MP3 mode.

MP3 is standard audio file format, which compresses a sound sequence. This MP3 files become relatively small, yet there is no apparent loss of sound quality.

Copying music files in the memory (internal/external)

1. Plug the enclosed USB cable into the Ψ socket of the player and the USB socket of the computer and press and hold for a second button to switch on the device.

CHARGING. USB CONNECTED appears on the display.

2. The player will appear as a removable disk on your PC.

3. Call up the player in “**My computer**” on the PC and copy the MP3 files in the internal memory or on the card if inserted. You can arrange your music in folders. The battery is charging until the player is connected to the PC. (*For recommend cards see page 13*)

Playback functions

During the playback press the joystick to enter the playback menu.

Playback



1. Use the joystick $\leftarrow \leftarrow / \rightarrow \rightarrow$ to select a track.

2. To start playback press button.

3. Press the button to pause playback. **II** appears on the display. 4 . Resume playback with the button. 5 .Push and

hold $\leftarrow \leftarrow / \rightarrow \rightarrow$ for a second to forward or backward through the track. After some seconds the speed of forwarding is increased.

6 . Press and hold down button to stop playback.

Index Forward

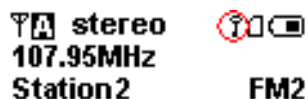
1. Briefly push $\leftarrow \leftarrow / \rightarrow \rightarrow$ during playing. The previous/next track is selected. The desired track can be selected through repeating brief pressing of



Volume control

1. Press **vol+** to increase volume.
2. Press **vol-** to decrease volume.

Hold



Locks the buttons against accidental pressing. To use press **Hold** button.

Equalizer



1. During playback press the joystick to enter the menu.
2. Press joystick again to enter "EQ" submenu and choose equalizer. Choose: "Flat", "Pop", "Rock", "User", "Latin" or "Dance".

User Eq



1. During playback press the joystick to enter the menu.
2. Press the joystick right to choose "Eq Menu".
3. Scroll down until **USER EQ** is selected and press right.
4. To change frequencies push the joystick .
Available values: 60 Hz-12 kHz.
5. To change the level push the joystick up or down. Available values: 14 dB - (-14) dB.
6. To confirm and exit press center position of the joystick.

Repeat



1. During playback press the joystick to enter the menu.
 2. Choose "Playmode menu" then "Repeat" menu and choose from "No", "One", "All" and "Dir". Press joystick to confirm.
- "One" -repeat current track;
 "All" -repeat all tracks;
 "Dir" -repeat tracks from the current folder;

Add to Favorites



1. During playback press the joystick to enter the menu.
2. Select "Playlists" to add the current track to the Favorites default playlist.



1. Press  button to stop playback.
2. In stop mode press the joystick to enter the menu.

Browse



This function allows browsing all directories and music files available.

1. Enter the menu. Choose "**Browse**".

Delete



1. Press the joystick to enter the MP3 menu.
2. Select "**Delete**" and choose from **Curnet** , **Dir** , **All**.
3. Use the joystick with left or right to select:
No - to cancel deleting;
Yes - to confirm deleting;

4. Press the joystick to confirm.

Playing tracks from folders

1. Press  button to stop playback.
2. Use the joystick to select folder (for example:  **Beatles**).
3. Push the joystick down to enter the folder.
4. Use the joystick left or right to select track from the folder.
5. To start playback press  button.
6. To exit the folder and return to the Root push the joystick up.

Playing playlists



You can create a playlist while the player is connected to your PC using Music Loader(*.pl files) or WinAmp (*.m3u files) or play the default favorites playlist.

1. Press  button to stop playback.
2. Use the joystick to select playlist (for example: **favorite.pl**).
3. Press  to play the list.
5. To exit the playlist stop playback, press the joystick to enter the menu and select **Exit PL**

Line-in Recording

To record via the Line-in function, please make sure that you have plugged the the relevant cable from the Diva Gem set to the Diva Gem USB slot and the line-out outlet of the source device. Then, choose "**MP3 mode**" on your Diva Gem player and stop all actions.



To start recording press and hold  for 2 seconds. To pause recording press  again. To stop recording press  shortly.

Voice Recorder

Press and hold the joystick to enter the main menu. Push the joystick and select **"Voice Recorder"** mode.

Recording

Ψ high 9700
VREC0001.MP3
Recording...
01:34:56 11:35

1. Press  button to start recording.
2. Press  to stop record.

Play records

1. Use the joystick to select the record.
2. Press  to play the record.
3. To stop the playback press  button.

Microphone Sensitivity (Mic Sens)

1. Press the joystick to enter the voice recorder menu.
2. Select **"Rec Settings"** then **"Mic Sens"**, and choose from **"Low"**, **"Mid(middle)"** or **"Hi(high)"**.

Recording with Voice Activation (VAct)

1. Press the joystick to enter the voice recorder menu.
2. Select **"Rec Settings"** then **"Voice Act"** To turn on select **"On"**.

When the recorder detects a voice input, it automatically starts recording. When voice input stops, the recorder automatically pauses recording and  icon appears on the display. To switch off the function select **"Off"**.

Recording in NEW FOLDER

1. Enter **"Voice Recording menu"** scroll down and choose **"New Folder"**.
2. Use **"Down/UP"** do choose letters, **"Left/Right"** to move to next letter.

Bitrate

1. To choose bitrate option, enter **"Voice Recording menu"**, then **"Rec Settings"**, then **"Bitrate"**. You can choose from **"Low"**, **"Medium"** and **"High"**



Delete records

1. Press the joystick to enter the **"Voice Recorder menu"**.
2. Push the joystick down to select **"Delete"**.
3. Use left or right to select **"Yes/ No"**.
4. Press center position of the joystick to confirm.

FM tuner



Note: Before starting to use FM radio connect the headphones to the headphones outlet. The lead of the headphones functions as the antenna of the radio, so let it hang freely.

1. Use ◀ ◀ / ▶ ▶ to select the station you want to listen to.

Auto Search



1. Enter **"Radio Menu"** and select **"Auto Preset"**.

Scan



1. Press the joystick to enter the menu. Select **"Scan"**. When the station is found use the joystick to select: **"No"** - to cancel, **"Yes"** -to save the station. The search stops when all stations are found or after pressing the joystick.

Recording



1. To start FM recording press  button to start recording. The file number for each record is expressed as shown: **FMRECXX.mp3**.
2. Press  to stop record.

Play FM records

1. Press and hold the joystick to enter the **"main menu"**. Enter **"Mp3 mode"**
2. Use the joystick to select the record and press  to start playback.



SETTINGS

Settings

This mode allows you to customise your player settings. Press and hold the joystick to enter the basic menu. Select **"Settings icon"** to go in settings menu.

Current Media



1. Use the joystick to select **Media**.
2. Push the joystick right and to select **Internal/ Card**.

Backlight



1. Enter "Setting menu" and select **"Backlight "**.
2. Choose from **"Auto", "On", "Off"**.

Sleep

Sleep sets the desired time for switch off the player.



1. Enter **"Setting menu"** and select **"Sleep "**.
2. Choose from **"Off", "1min", "3min", "5min", "8min"**.

Info

1. Enter **"Setting menu"** and select **"Info"**.
2. **"Info"** shows current hardware and software version.

Format

1. Enter **"Setting menu"** and select **"Format"**.
2. Choose from **"Card"** or **"Internal"**. Press the joystick to confirm.
3. Select: **"Yes"** - to confirm formatting, **"No"** - to cancel.
4. Press the joystick to confirm.

Defaults

This function allows to restore the factory defaults.

1. Enter **"Setting menu"** and select **"Defaults"**.
2. Select: **"Yes"** - to confirm, **"No"** - to cancel.
3. Press the joystick to confirm.



Contrast

This function allows you to modify your LCD contrast.

1. Enter “**Setting menu**” and select “**Contrast**” and hold up/down keys to modify it.

Setting Time

1. Enter “**Setting menu**” and select “**Time**”.
2. Push the joystick to select the **hour, minutes, seconds**.
3. Use the joystick to set the time.
4. Press the joystick to confirm and exit.

Setting Date

1. Enter “**Setting menu**” and select “**Date**”.
2. Push the joystick to select the **day, month, year**.
3. Use the joystick to set the time.
4. Press the joystick to confirm and exit.

Language change

To change language, go to “**Settings**”. Scroll down and choose “**Language**”, confirm by pressing the joystick. Select the language file and confirm by pressing the joystick.

Note:

1. You may need to restart your DivaGem to make changes.
2. Make sure, that you have been copied the language file to DivaGem memory.
3. You can download additional language files from our web site:
[Http://www.daisymm.com](http://www.daisymm.com)



Frequently Asked Questions

Q. The player doesn't work.

A. Check whether the battery has been inserted properly.

Q. The buttons of the player don't work.

A. Check if the Hold function is activated.

Q. No sound after the button is pressed.

A. Make sure that you don't press the button once again to pause.

Q. Can't download the MP3 files.

A. Make sure the player is connected to your PC.

A. Check whether the memory is full.

Q. Can't enter the USB mode.

A. Remove the USB cable from the player and reconnect it.

Q. How to update the firmware software.

A. To download the latest firmware, visit: <http://www.daisymm.com>.

Copy the file Update.bin on the memory of your player.

1. Press and hold the joystick to enter the main menu.

2. Press and hold the joystick again.

3. Use the joystick to select:

“ No “ - to cancel programming.

“ Yes ” - to confirm programming

4. Press the joystick to confirm.

Q. The following message appears on the display : BAD MEDIA.

A. Enter the Settings menu and format the current media.

(All information on media will be lost!)

Q. My Sd/Mmc card doesn't work with my Diva Gem.

A. Daisy MM recommends cards from the following brands:

Dane-Elec , Toshiba, Infiniane, Twinmos



MP3 Player

Decoder engine:	Audio DSP
Music decoders:	MPEG1/2/2.5 Layer 3, Mp3
Bitrates supported:	8-320kbps,VBR
Sample rates supported:	8-48kHz
Display type:	Sidelit Dot Matrix LCD

FM radio

Frequency range:	87.5-108 MHz
Presets:	20
Tuning:	auto/ manual
Encoding:	Mp3 44.1kHz/ 128kbps or 22.05kHz/ 64kbps

Voice Recorder

Input:	FM radio/ microphone
Output format:	AMR
Modes:	VOR(Voice Operation Recording)/ Manual
Microphone Sensitivity:	High/ Middle/ Low/ Automatic
Bitrate:	Low / Middle / High

General

Storage: Internal memory:	up to 256 MB flash memory
External Media:	SD/MMC
Connectivity:	USB1.1; (USB2.0 compatible)

USB Drivers

Win98;	
Driver free for:	Win Me/ 2000/ XP/ Linux 2.4.19/ Mac OS9.1 and above
Power:	450 mAh Li-Ion battery, embedded charger
Dimensions:	86 x 32 x 20mm
Weight:	25 g without battery